

## EAST Search History

| Ref # | Hits | Search Query                                                      | DBs                                                               | Default Operator | Plurals | Time Stamp       |
|-------|------|-------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| L11   | 2    | "20040030837"                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/01 13:56 |
| S1    | 2    | "20050203972"                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/25 10:42 |
| S2    | 134  | ((cochran adj robert) (duvekot adj marcel)).in.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/25 10:43 |
| S3    | 5    | ((cochran adj robert) (duvekot adj marcel)).in. and sidefile      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/25 17:37 |
| S4    | 4    | ((cochran adj robert) (duvekot adj marcel)).in. and sidefile.clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/25 11:28 |
| S5    | 1    | mirror\$3 and compar\$5 near3 sidefile                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/25 11:29 |
| S6    | 27   | mirror\$3 and sidefile                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/25 11:30 |
| S7    | 2    | mirror\$3 and sidefile with compar\$5                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/25 11:30 |

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|     |      |                                                                                                                                                                                                                                                                                          |                                                                   |    |    |                  |
|-----|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S8  | 23   | mirror\$3 and sidefile and @ad<"20040312"                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/25 11:31 |
| S9  | 8    | ("4507751"   "5428802"   "5454099"   "5717884"   "6145066"   "6279084"   "6463501"   "6487561").PN.                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/25 13:49 |
| S10 | 3    | second adj sidefile                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/25 15:21 |
| S11 | 2    | (mirror\$3 and write adj log).ab.                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/25 15:22 |
| S12 | 3    | (mirror\$3 and write adj log).ab.                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/25 15:25 |
| S13 | 2    | "6324654".pn.                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/25 15:25 |
| S14 | 21   | ("20010011324"   "20020103980"   "20030028723"   "20030177322"   "5455944"   "5594900"   "5636360"   "5734818"   "5737600"   "6044444"   "6125393"   "6260125"   "6260129"   "6301643"   "6446175"   "6463501"   "6484187"   "6487645"   "6587933"   "6687793").PN. OR ("6842825").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/25 15:51 |
| S15 | 1424 | 711/162.ccls.                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/25 15:51 |
| S16 | 539  | 711/162.ccls. and mirror\$3                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/25 15:51 |
| S17 | 614  | 711/162.ccls. and mirror\$3                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/25 15:51 |
| S18 | 10   | 711/162.ccls. and (mirror\$3 and log).ab.                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/26 09:45 |

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|     |    |                                                                                             |                                                                   |    |    |                  |
|-----|----|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S19 | 11 | 711/162.ccls. and compar\$5 near3 log                                                       | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/25 16:03 |
| S20 | 1  | "20040230859"                                                                               | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/25 16:16 |
| S21 | 1  | "6842825".pn.                                                                               | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/25 16:16 |
| S22 | 2  | "6209002".pn.                                                                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/26 09:09 |
| S23 | 20 | 711/162.ccls. and mirror\$3 with synchronous and mirror with asynchronous                   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/26 09:46 |
| S24 | 8  | 711/162.ccls. and mirror\$3 with synchronous and mirror with asynchronous and (log journal) | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/26 09:54 |
| S25 | 73 | mirror\$3.ab. and compar\$5 with (log journal)                                              | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/26 09:55 |
| S26 | 7  | mirror\$3.ab. and compar\$5 with (log journal) and synchronous                              | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/26 09:58 |
| S27 | 6  | mirror\$3.ab. and compar\$5 with (log journal) and asynchronous                             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/26 09:55 |
| S28 | 8  | (S26 S27)                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/26 09:55 |
| S29 | 17 | mirror\$3.ab. and compar\$5 with (log journal) and synchron\$6                              | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/26 09:59 |
| S30 | 18 | mirror\$3.ab. and compar\$5 with (log journal) and (synchron\$6 asynchron\$6)               | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/26 10:41 |
| S31 | 6  | mirror\$3.ab. and (log journal) and compar\$5 near3 (timestamp (time adj stamp))            | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/26 13:56 |
| S32 | 1  | cochran.in. and sidefile and contiguous near3 sequence                                      | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/26 14:09 |
| S33 | 1  | "20050038968" and delet\$4 with log                                                         | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/26 14:52 |

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|     |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |    |    |                  |
|-----|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----|----|------------------|
| S34 | 36 | mirror\$3.ab. and size with log                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/04/26 15:32 |
| S35 | 9  | ("6442551" "5889935" "6044444"<br>"6173377" "6052797" "5742792"<br>"5544347" "5680640" "6029231" ).<br>pn.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/04/26 15:37 |
| S36 | 96 | ("6442551" "5889935" "6044444"<br>"6173377" "6052797" "5742792"<br>"5544347" "5680640" "6029231"<br>"6108748" "6240486" "6502205"<br>"6092066" "5931920" "6219693"<br>"6219693" "5594900" "6484187"<br>"5857208" "6101497" "6157991"<br>"6209002" "6529944" "5901327"<br>"5504861" "5574950" "5592618"<br>"5615329" "5692155" "5734818"<br>"5875478" "5991813" "6145066"<br>"6226651" "6226651" "6260124"<br>"6308284" "6460123" "6467034"<br>"6543001" "6594745" "6625705"<br>"6643795" "6647474" "6662282"<br>"6671705" "6718447" "6735637"<br>"6795850" "6816951").pn.<br>("6823336" "6823349" "6910098"<br>"7007143" "5845147" "5204954"<br>"5577222" "5949970" "6393538"<br>"6484173" "6898685" "7003706"<br>"6061794" "6061794" "6269382"<br>"5746602" "5794216" "5872919"<br>"5943481" "6088740" "6105075"<br>"6145017" "6173332" "6301605"<br>"6456729" "6970959" "6148368"<br>"5737744" "5774641" "6009481"<br>"5408644" "5448719" "5950230"<br>"6052822" "6073221" "6154853"<br>"6192460" "6223252" "6223252"<br>"6304946" "6502166" "6523087"<br>"6606694" "6766491" "6813688"<br>"5799141" "5835953" "6073222"<br>"6085298" "6158019").pn. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/04/26 15:38 |
| S37 | 44 | S36 and (sidefile log)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/04/26 15:38 |
| S38 | 4  | S36 and (sidefile)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/04/26 15:38 |

## EAST Search History

|     |    |                                                                 |                                                                   |    |    |                  |
|-----|----|-----------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S39 | 0  | "20050038968" and cpu same ("170" "271")                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 12:22 |
| S40 | 0  | mirror\$3.ti,ab. and log same (ack acknowledgement) near3 field | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 12:23 |
| S41 | 14 | log same (ack acknowledgement) near3 field                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 14:47 |
| S42 | 2  | sidefile and (ack acknowledgement) near5 field                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 12:43 |
| S43 | 26 | write near5 (ack acknowledgement) near5 field                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 12:54 |
| S44 | 0  | mirror\$3.ab. and overwrit\$3 near3 oldest adj entry with log   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 13:43 |
| S45 | 0  | mirror\$3.ab. and overwrit\$3 near3 oldest adj entry same log   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 13:43 |
| S46 | 10 | overwrit\$3 near3 oldest adj entry same log                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 13:43 |

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|     |        |                                                                   |                                                                   |    |    |                  |
|-----|--------|-------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S47 | 0      | log same entry with (ack acknowledgement) near3 field             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 14:47 |
| S48 | 66     | entry with (ack acknowledgement) near3 field                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 14:48 |
| S49 | 276951 | mirror\$3.ab,ti. entry with (ack acknowledgement) near3 field     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 14:48 |
| S50 | 1      | mirror\$3.ab,ti. and entry with (ack acknowledgement) near3 field | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 14:48 |
| S51 | 7      | entry with (ack acknowledgement) near3 field and log              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 15:07 |
| S52 | 1      | third adj sidefile                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/01 09:48 |
| S53 | 1003   | entry with location near3 field                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/01 09:51 |
| S54 | 2      | mirror\$3.ab. and entry with location near3 field                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/01 09:52 |

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|     |     |                                                                        |                                                                   |    |    |                  |
|-----|-----|------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S55 | 76  | mirror\$3 and entry with location near3 field and @ad<"20031002"       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/01 09:53 |
| S56 | 8   | log same entry with location near3 field and @ad<"20031002"            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/01 10:00 |
| S57 | 0   | log same entry with track adj number near3 field and @ad<"20031002"    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/01 10:01 |
| S58 | 19  | entry with track adj number near3 field and @ad<"20031002"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/01 10:08 |
| S59 | 0   | log same track adj number near3 field and @ad<"20031002" not S58       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/01 10:13 |
| S60 | 401 | track adj number near3 field and @ad<"20031002" not S58                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/01 10:13 |
| S61 | 12  | entry same track adj number near3 field and @ad<"20031002" not S58     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/01 10:15 |
| S62 | 303 | entry same physical adj address near3 field and @ad<"20031002" not S58 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/01 10:17 |

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|     |     |                                                                                       |                                                                   |    |    |                  |
|-----|-----|---------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S63 | 1   | log same entry same physical adj<br>address near3 field and<br>@ad<"20031002" not S58 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/01 10:15 |
| S64 | 117 | entry same physical adj address adj<br>field and @ad<"20031002" not S58               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/01 10:17 |